Programme 121.†   L₅

(*September to December, 1931.*)
(*January to March, 1932, overseas.*)

Parents' National Educational Union.

The Parents' Union School.

(*Address :* THE DIRECTOR, THE PARENTS' UNION SCHOOL, AMBLESIDE.)

Motto: "*I am, I can, I ought, I will.*"

(He shall) "pray for the children to prosper in good life and good literature."—(DEAN COLET.)

FORMS VI. & V.

PUPILS' NAMES ....

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Scripture.

VI. & V. *The One Volume Bible Commentary,* by J. R. Dummelow (Macmillan, 10/-) : (*a*) Introduction, pp. xci.-xcviii. ; cvi.-cxxii. ; (*b*) *Job,* pp. 289-320 ; (*c*) The Epistles of St. *John* and St. *Jude,* pp. 1053-1064 ; *The Life of Our Lord* (a continuous Gospel narrative compiled by E. G. Ponsonby, Bell, 2/6), pp. 1-69, with notes from Dummelow.

The Saviour of the World, Vol. III. (P.N.E.U. Office, 3/-), pp. 1-65, with Bible text (see Index) and notes from "Dummelow."

For Sunday reading (optional) :

VI. *Christian Faith and Life,* by Archbishop Temple (S.C.M., 2/-). Stanley's *The Eastern Church* (Dent, 2/-), pp. 136-196. *A Short History of Our Religion,* by D. C. Somervell (Bell, 5/-), pp. 265-337. *Young Islam on Trek,* by Basil Mathews (E.H.P., 2/-). *The High History of the Holy Graal* (Dent, 2 -).

V. Stanley's *Sinai and Palestine* (Murray, 4/-) pp. 1-62. Southey's *Life of Nelson,* or, Lockhart's *Life of Scott* (both Dent, 2/- each). Wordsworth's *The Prelude* (Oxford Press, Complete Poems, 3/6). Bishop Masterman's *Sunday Epistles* (S.P.C.K., 3/6).

VI. & V. *Short Studies on Great Subjects,* by Froude (Vol. I., Dent, 2/-) ; *The Book of Job.*

† The 121st term of work set since the Parents' Union School began.

Composition. (The daily "reports" also come under this heading.)

VI. & V. A good *précis* (see Morgan & Treble below, Section IV.). Essays on subjects suggested by the term's work in Literature, History, Science, or, on topics of the day. Occasionally write verses, *which must scan* (see Morgan & Treble, Section VII.).

English Language.

Both Forms, parse and analyse every week.

VI. Taylor's *Words and Places* (Dent, 2/-), pp. 299-404. *On the Art of Reading*, by Sir A. Quiller-Couch (Cambridge Press, 5/-), pp. 1-106.

V. For revision and reference (Accidence, Syntax, History of Language, etc.) use *A Senior English Grammar*, by R. B. Morgan & H. A. Treble (Murray, 3/6). Trench's *English Past and Present* (Dent, 2/-), pp. 7-51 ; (Lecture I. and first half of II.).

Literature (Books set include holiday and evening reading).

VI. & V. (*a*) Euripides' *Iphigenia in Aulis*, (Vol. I. Dent, 2/-). (*b*) Read from Hardy's *The Dynasts* (Macmillan, 8/6).

VI. (*c*) Carlyle's *Past and Present* (Dent, 2/-), Book II., *The Ancient Monk*. (*d*) Carlyle's *Heroes and Hero Worship* (Dent, 2/-), Lecture II., *Mahomet and Islam*. (*e*) Church's *Essays : St. Anselm* (Routledge, 2/-). (*f*) Layamon's *Brut* (Dent, 2/-). (*g*) *The Mabinogion* (Dent, 2/-), pp. 1-94. (*h*) *Anglo-Saxon Poetry*, pp. 1-80 (Dent, 2/-). (*i*) *Come Hither*, by Walter De la Mare (Revised Edition, Constable, 10/6). (*j*) *Oxford Book of English Verse* (Oxford Press, 8/6).

V. (*c*) Shakespeare's *Midsummer Night's Dream* (Blackie Plaintext, 6d.), or, Sheridan's *The Rivals* (Nelson, 9d.). (*d*) Lamb's *Essays* (Blackie, 1/6). (*e*) De Quincey's *Essays : The Revolt of the Tartars* (Blackie, 1/6). (*f*) Dickens' *A Tale of Two Cities*, or, Thackeray's *Henry Esmond*, or, Jane Austen's *Pride and Prejudice* (Nelson, 1/3 each). (*g*) Matthew Arnold's *Essays in Criticism* (Macmillan, 3/6), Vol. II.: *Wordsworth, Shelley, Keats*. (*h*) *The Book of English Poetry* (Jack, 7/6), contemporary poets (1785-1815) (Wordsworth, Coleridge, Burns, Scott, Shelley, Keats). For reference only, *English Literature*, by A. J. Wyatt (University Tutorial Press, 3/-).

Keep a Commonplace Book for passages that strike you particularly. Learn a hundred lines of poetry. Be able to give some account of what you have read in each book, with sketches of the chief characters.

English History.

VI. Green's *Short History of the English People*, Vol. I. (Dent, 2/-), pp. 41-104 (800-1189). *The Anglo-Saxon Chronicle*, A.D. 825-1066 (Dent, 2/-). *Histories of the Kings of Britain*, by Geoffrey of Monmouth (Dent, 2/-), books 6-10, may also be read.

V. Green's *Short History of the English People*, Vol. II., pp. 756-783 (Dent, 2/-), (1785-1815). Read from Macaulay's *Miscellaneous Essays : Essay on Pitt* (1859) (Dent, 2/-).

General History.

VI. *The Legacy of the Ancient World*, by W. G. De Burgh (Macdonald & Evans, 15/-), pp. 322-361.

V. *Ancient Times*, by J. H. Breasted (Ginn, 10/6), pp. 1-73. *Medieval and Modern Times*, by J. H. Robinson (Ginn, 10/6), (latest edition), pp. 492-562.

VI. & V. Continue a Book of Centuries (P.N.E.U. Office, 1/9, or better, 2/6 ; see illustrated leaflet by Miss Bernau, P.N.E.U. Office, 6d.), putting in illustrations from all the history studied during the term (Bible, English, General). Visit museums. Make summaries of dates and events. Use maps. Make charts. *History Charts* (P.N.E.U. Office, 6d.).

Smith's *Classical Dictionary* (Dent, 2/6). *An Atlas of Ancient and Classical Geography* (Dent, 2/6).

Every-Day Morals and Economics.

VI. Plato's *Education of the Young* (Cambridge Press, 4/6). pp. 17-23 and 78-105. *Economics for the General Reader*, by Henry Clay (Macmillan, 4/6), pp. 308-394.

V. *Ourselves*, Book II. (P.N.E.U. Office, 3/6), pp. 1-32. *The Economic World*, by A. R. & E. M. Burns (U.L.P., 5/-), pp. 148-221. Carlyle's *Essay on Burns* (Oxford Press, 9d.).

Geography.

VI. *Frequented Ways*, by M. J. Newbigin (Constable, 15/-), pp. 163-222. *The Other Side of the Lantern*, by Sir F. Treves (Cassell, 3/6). pp. 106-215.

V. *The English Speaking Nations*, by G. W. Morris and L. S. Wood (Oxford Press, 3/6), pp. 193-253, with *Ambleside Geography Book V.* (1931 edition, Kegan Paul, 5/-), for reference and map work. *A Shorter Physical Geography*, by E. de Martonne (Christophers, 7/6), pp. 105-147, or Huxley's *Physiography* (revised 1924, Macmillan, 5/-), pp. 270-317. Mort's *An Elementary Practical Geography* (Blackie, 2/6), pp. 77-88.

Philip's *Pocket Surveyor* (Philip & Son, 2/6), will be found useful.

VI. & V. Know from atlas (gazetteer) something about foreign regions coming most into note in the newspapers, and in connection with history, etc., studied. Summarise readings by memory maps on blackboard. Some account of the Physiography of your neighbourhood, with diagrams.

The World-Wide Atlas (Johnston, Edinburgh, 10/-).

General Science.

VI. *The Seas*, by F. S. Russell and C. M. Yonge (Warne, 12/6), pp. 243-360.

V. *Scientific Ideas of To-day* (1925 edition), by C. R. Gibson (Seeley, 6/-), pp. 125-170.

VI. & V. Geikie's *Geology* (revised 1921, Macmillan, 7/6), pp. 137-191. Some account of the geology of your neighbourhood, drawing sections.

The Ordnance Survey Geological Map of the British Isles (Stanford, 2/-). *Geological Map of Europe* (Oxford Press, 2/6).

Biology, Botany, Physiology, etc.

VI. *The Study of Animal Life*, by J. Arthur Thomson (Murray, 6/-), pp. 1-47. *The Romance of the Human Body*, by R. C. Macfie (Gardner, Darton, 5/-), pp. 45-91.

V. *Botany*, by D. Thoday (Cambridge Press, 7/6), pp. 112-179. For suggestions for out-door work: Dr. Caver's *Botany* (University Press, 8/6) will be found useful, see questions following chapters x., xi., xxvi. and xxvii. (ecology, roots, conifers).

Specimens must be found, if possible, for all botanical work, and experiments must be made. Keep a *Nature Note Book* with flower and bird lists (P.N.E.U. Office, 2/3).

Astronomy.

VI. *The Mysterious Universe*, by Sir James Jeans (Cambridge Press, 3/6), pp. 1-44.

V. *The Story of the Heavens*, by Sir R. S. Ball (Cassell, 15/-), pp. 192-253 (chapters 9-11, and first half of chapter 12). Follow newspaper reports on astronomical subjects. Make charts of the changes in position of the constellations and planets visible. *Stars at a Glance* (Philip, 1/6).

French.

VI. & V. *L'Enseignement Littéraire du Français*, by J. Molmy, Vol. II. (Hachette, 3/-), lessons 61-69. *Lettres de Mon Moulin*, by A. Daudet (Harrap, 2/-). Take a French paper (list can be obtained from Hachette).

VI. *Le Cid* (Hachette, 1/-). *The Oxford Book of French Verse* (Oxford Press, 8/6).

V. *Waterloo*, by Victor Hugo (Blackie, 6d.). *A Book of French Verse* (Oxford Press, 4/-), learn two poems.

Latin.

VI. Allen's *Latin Grammar* (Clarendon Press, 3/-), pp. 3-15; 118-121; 134-135. *Limen*, Part II. (Murray, 2/6), pp. 268-279 and 173-207. *A Book of Latin Poetry* (Methuen, 2/-). *A Book of Latin Letters*, edited by R. G. C. Levens (Methuen, 3/6), pp. 44-63.

V. *Limen* (Murray, 2/6), pp. 1-95, or, (second year) pp. 173-207. Virgil's *Æneid Book IX.*, with notes, etc., by Rev. H. M. Stevenson, M.A. (Macmillan, 2/-), lines 1-313.

Dies Romani, by W. F. Witton (Arnold, 2/-), may be used for practice in translation.

German.

VI. & V. *A Public School German Primer* (Macmillan, 4/-), VI.: revise pp. 102-130 and 255-256. V.: pp. 25-37 inclusive. Learn poems from *Deutsche Lyrik* (Macmillan, 3/6).

VI. *Das Nibelungenlied*, by Dr. Vilmar (edited by E. Hügelshofer), (Harrap, 2/-), pp. 40-80. *Hochzeit auf Capri*, by Paul Heyse (edited by W. Bernhardt), (Harrap 2/-), pp. 20-37.

V. *Das Wirtshaus zu Cransac*, by H. Zschokke (edited by E. S. Joynes), (Harrap, 2/-), pp. 25-53.

or, Italian.

VI. & V. *Italian Lessons and Readings*, by C. U. Clark (Harrap, 4/6): (VI.) read from Part II., using Part I. and Appendices for studies in Grammar, (V.) lessons 29-33, inclusive. *Italian Irregular Verbs* (Hachette, 1/-). *The Hundred Best Italian Poems* (Gowans & Gray, 1/-).

VI. Read three cantos from Dante's *Il Purgatorio* (Dent, 2/-). *Le Mie Prigioni*, by Silvio Pellico (Hachette, 2/6).

V. *All' Aria Aperta*, by Renato Fucini (P.N.E.U. Office, 1/8).

Arithmetic.

VI. & V. Dr. Ballard's *Fundamental Arithmetic*, Book VI. (London University Press, 1/1), pp. 69-96; Teacher's Book VI. (2/3) is also essential. For mental work, *Arithmetical Dictation*, Book VI., by Alfred Wisdom (U.L.P., 1/3), Ex. 401-420.

or (second year) Dr. Ballard's *Fundamental Arithmetic*, Book VII. (1/4), pp. 62-90 and 95-97, and problems M to R, with Teacher's Book VII. (2/6).

Geometry.

VI. & V. *A Shorter School Geometry*, by H. Hall and F. Stevens (Macmillan, 4/6), pp. 232-252, or (second year), pp. 270-277, and revise section V.

The School Set of Mathematical Instruments (P.N.E.U. Office, 2/-).

Algebra.

VI. & V. *A School Algebra*, by H. Hall, Parts I. and II. (Macmillan, 4/6), pp. 219-223, 240-244, 250-254; or, (second year), 345-362, 385-394.

Art Studies.

VI. *The Painters of Florence*, by Julia Cartwright (Murray, 6/-), chapters 14-19, inclusive. *A Short Critical History of Architecture*, by H. Heathcote Statham, Vol. I. (Batsford, 6/-), chapter 2.

V. *Schools of Painting*, by M. Innes (Methuen, 6/6), chapters 12-14, inclusive. *The Story of Architecture*, by P. L. Waterhouse (Batsford, 6/-), pp. 228-261.

For reference: *Styles of Architecture*, by A. Stratton (Batsford, 1/6).

VI. & V. Six reproductions of works by Jan Steen (P.N.E.U. Office, 2/- the set); see notes in the September *Parents' Review*.

Reading.

The Speaking Voice, by Emil Behnke (Curwen & Son, 7/6), pp. 140-163. *The Art of Reading and Speaking*, by Canon Fleming (Arnold, 3/6).

Music Appreciation.

The work of Schumann: see (*a*), article, and (*b*), records suggested under *Our Work*, in the August *Parents' Review*. *The Enjoyment of Music*, by A. W. Pollitt (Methuen, 5/-).

Music.

(*a*) *The Growth of Music*, by H. C. Colles (Oxford Press, 10/6). (*b*) *Foundations of Practical Harmony and Counterpoint*, by R. O. Morris (Macmillan, 7/6), four chapters each term; see preface. (*c*) For revision, *Elements of Music*, by F. Davenport (Longmans, 1/6).

Singing.

Two English and two French songs or carols; two German songs or two Italian songs.

National or Folk Songs from *Songs of the British Islands*, edited by Sir H. Hadow (Curwen, 5/-), or, from *The Oxford Song Book*, Vol. II. (Oxford Press, 7/6).

Drill, etc.

Daily drill, dancing or games.

A Manual of Free Standing Movements, by H. D. Hassum (Hachette, 1/8). *Syllabus of Physical Training for Schools*, 1927, Supplement No. 12 (H.M. Stationery Office, 4d.). Six Country Dances: *The English Country Dance*, Graded Series, Vols. VI.-VIII. (Novello, 3/- each); music and instructions for six dances in each volume. Netball, lacrosse.

Work: Arts and Crafts.

The Basis of Design, by Walter Crane (Bell, 10/-), pp. 302-373. *Art in Needlework*, by Lewis F. Day and M. Buckle (Batsford, 7/6). Studies in memory, plant drawing and in autumn colouring; sketching from nature; see *Drawing, Design and Craftwork*, by F. J. Glass (Batsford, 12/-), pp. 26-83. Studies of animals: *Animal Drawing and Anatomy*, by Edwin Noble (Batsford, 10/6).

Valuable suggestions will be found for the teaching of all Handicrafts and Drawing in the following: *Applied Art*, by Pedro J. Lemos (Batsford, 28/-). It is not advisable that stereotyped courses should be followed.

Do some definite house and garden work. *Practical Housecraft*: (1) *Housewifery*, (2) *Laundry*, (3) *Cooking* (Longmans, 6d. each). Darn and mend each week. Make a garment.

Bind or repair a book: *Simple Bookbinding*, by W. F. Matthews (Pitman, 2/-).

Make Christmas presents: *The Making of Soft Toys*, by C. E. Edlmann (Dryad, 2/6).

Help the "Save the Children Fund," 26 Gordon Street, London, W.C.1.

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The Cambridge School Certificate Examination may be taken on the work set in the P.U.S. Programme for Form V. **(see special leaflet).** For further particulars write to the Director, The Parents' Union School, Ambleside.

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GENERAL NOTES.

N.B. 1.—Members are asked to remember that an average pupil should cover the whole programme suitable for her age. The lighter portions of the Literature (novel, play and poems) are read for amusement in the evenings and also in the holidays. Music, Handicrafts, Field Work, Dancing, Nature Note Books, Century Books, are taken in the afternoons. Form VI. work should not be attempted unless the full two years' work has been done in Form V. (Ages in V., 15 to 17).

N.B. 2.—For principles and methods of teaching the various subjects see *An Essay Towards a Philosophy of Education* (10/6), *Parents and Children* (5/-), (P.N.E.U. Office). A record of work should be kept (see leaflet H).

N.B. 3.—In Grammar (English and foreign) and in mathematics there must be no gaps (see leaflet G). Pupils, if not at the stage indicated, must in these subjects either (*a*) begin the book set if the subject is new, or (*b*) continue the subject in the set book from the point they have reached; but they will be handicapped in the future if they have not covered the full course for the Form.

N.B. 4.—Each pupil should have a copy of her own books, and a set of the Pictures and materials. **It is essential to have the latest edition, from which the set pages and examination questions are taken.** The books set for Drawing, Music, Drill and Handicrafts (and any others printed in small type) are advisable but optional. The work of the Programmes cannot be fully carried out unless each pupil keeps a Nature Note Book and a Century Book.

N.B. 5.—Members are particularly asked to follow the notes under *Our Work* and in *Notes and Queries* in the *Parents' Review*.

N.B. 6.—*The current Programmes are for Members of the School only and must not be lent.* Specimen copies of old Programmes can be obtained by members from the Director, The Parents' Union School, Ambleside.

N.B. 7.—All books, P.U.S. colours, stationery, etc., may be obtained from the Secretary of the P.N.E.U. 26, Victoria Street, London, S.W.1. (Office hours: 9 a.m. to 1 p.m., and 2 p.m. to 4 p.m., except Saturdays.)

N.B. 8.—All letters about the School and the Programmes (and also the School Fee) should be sent to The Director, The Parents' Union School, Ambleside, Westmorland. Orders for books, etc. (and also the P.N.E.U. subscription) should be sent as early as possible to the P.N.E.U. Office, 26 Victoria Street, London, S.W.1.

To Ex-P.U.S. Members who have already worked through Form VI., and Ex-Students of the House of Education taking the P.U.S. Reading Course.

Bibliographies for further reading will be found in *The Legacy of the Ancient World*, *Medieval and Modern Times*, Green's *History*, *The Study of Animal Life*, *The Economic World*.

The following books are also suggested for 1931: *The Faith of a Moralist*, by A. E. Taylor, Gifford Lectures, Series I. (Macmillan, 15/-); Bishop Gore's *The Philosophy of the Good Life* (Murray, 10/6); Bishop Hicks' *The Fullness of Sacrifice* (Macmillan, 15/-); *The Testament of Beauty*, by Robert Bridges (Oxford Press, 7/6); *On Reading Books*, by Prof. J. Livingstone Lowes (Constable, 5/-); *Through Literature to Life*, by Ernest Raymond (Cassell, 3/6); *The History of British Civilization*, by E. Wingfield-Stratford (Routledge, 15/-); *Economic Prosperity in the British Empire*, by Stephen Leacock (Constable, 7/6); *Introduction to Political Science*, by E. F. Powman (Methuen, 6/-); *The Nature of the Physical World*, by Sir A. S. Eddington (Cambridge Press, 12/6); *The Universe Around Us*, by Sir James Jeans (2nd. edition, Cambridge Press, 12/6).

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FORMS VI. & V.

PUPILS' NAMES...

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Scripture.

I. VI. & V. 1. Give the chief points in the discussions between
Job and his friends. What contribution did Elihu
make?

2. Show that in the vision of God which replaced the old
knowledge of God, Job entered into peace.

VI. 3. In the light of Christ's life and teaching, show how far
we have advanced in the knowledge of the purpose
and the mystery of suffering.

II. VI. & V. 1. Under what circumstances was the First Epistle
of St. John written? How does the writer work out
its theme of Fellowship with God?

2. Describe (and show the importance of) the mission and
the work of John the Baptist.

3. On what occasions were the following questions asked?
Summarise the teaching given in each case by our
Lord. (*a*), "How can a man be born again when
he is old?" (*b*), "Whence hast Thou that living
water?"

Composition.

VI. & V. 1. A "*Times* correspondent" writes on **one** of the
following,—(*a*), The General Election and the
National Government, (*b*), the last session of the
Indian Round-Table Conference, (*c*), the Statute of
Westminster and the causes that led to it.

2. Some verses to (*a*), Keats, *or*, (*b*), Shelley, *or*, (*c*),
Burns, on impressions gained from reading **their**
poems.

or, 2. Some verses on "To England in her hour of need."

English Grammar.

VI. & V. 1. Analyse, and parse the words in italics,—

"Orpheus with his lute *made* trees
And the mountain tops *that* freeze
Bow themselves when he *did sing*;
To his music plants and flowers
Ever sprung; *as* sun and showers
There had made a lasting Spring."

VI. 2. An essay on "Local Names" from your reading, *or*, from local knowledge.

3. Discuss and illustrate the statement that "great literature teaches by *apprehension*, not by *comprehension*."

V. 2. Show, by giving examples, that language contains a faithful record of the good and evil which has been working in the minds and hearts of men.

Literature. (Only three questions should be answered.)

VI. & V. 1. Give the substance of a scene from *The Dynasts* which you enjoyed, and describe the parts played in this drama by The Spirits.

2. Sketch briefly the story of the tragedy *Iphigenia in Aulis*. Describe the part taken by Iphigenia and quote lines that have struck you.

VI. 3. Write of Abbot Samson, his election and his government.

4. Write a brief note on Layamon and his work, and give two scenes from the *Brut* which illustrate the spirit and the imagination of the chronicler.

5. An essay on Beowulf with a scene in *Heorot* illustrating the style of the poem.

6. "As there is no danger of our becoming Mahometans. I mean to say all the good of him I justly can." Sketch briefly Carlyle's estimate of Mahomet.

V. 3. A scene for acting in which **one** of the following appears,—(*a*), "Sidney Carton," (*b*), "Beatrix," (*c*), "Lady Catherine de Bourgh."

4. An essay on (*a*), "Dream Children," *or*, (*b*), "New Year's Eve," according to Charles Lamb.

5. Describe briefly the flight of the Kalmuck Khan and his people from the Russian territories to the frontiers of China.

6. "Mrs. Malaprop" and "Lydia Languish" appear to-day, and comment upon and contrast life in the 18th and 20th Centuries.

7. "Poetry is at bottom a criticism of life." Show how Matthew Arnold justifies this claim for Wordsworth's poetry. Quotations.

English History.

VI. 1. An essay on "Alfred the Great, Warrior, Administrator, Scholar." Dates.

2. Write upon St. Anselm and his relations with William Rufus. Dates.

3. Discuss and illustrate the debt we owe to (*a*), the work of Geoffrey of Monmouth, *or*, (*b*), the Saxon Chronicle.

V. 1. Give some account of (*a*), the early life of William Pitt, (*b*), his work as "the greatest master of the art of parliamentary government." Dates.

2. Write notes on **two** of the following,—(*a*), the battle of the Nile, (*b*), Ireland under the Georges, (*c*), the Peace of Amiens, (*d*), the Peninsular War. Dates.

3. Describe briefly the "new and final struggle with France" in 1815.

General History.

VI. 1. Write upon the reconstruction of the Imperial System under Diocletian. Dates.

2. Give a brief survey of the Teutonic invasions of the fifth and sixth centuries.

V. 1. Give some account of the Stone Age, indicating the different periods. Drawings.

2. Write notes upon (*a*), the National Assembly and its reforms, and, (*b*), the Reign of Terror.

or, 2. A short essay upon Napoleon Bonaparte, his characteristics, his aims and his achievements.

Every-Day Morals and Economics.

VI. 1. Give some account of the function of "music" according to Plato.

2. An essay on "the influence on wages of the standard of life."

V. 1. Why is it necessary that conscience should be instructed? Upon what teachers does it depend for instruction?

2. Write upon (*a*), the causes affecting the foreign exchange value of money, *or*, (*b*), Income and Capital.

3. Give a character sketch of Burns according to Carlyle.

Geography.

VI. 1. "The character of a region, from the standpoint of human geography, depends upon the persons who usually visit it." Discuss with a view to a visit to the Dolomites.

2. Write upon "A Vision of the Ice Age."

3. A letter from a traveller in Burma to a Government Official in Calcutta.

V. 1 Draw a sketch map of India, showing (*a*), territory under British rule or control, (*b*), native states. What do you know of the aspirations of India, and the recent advances towards self-government?

2. What determining factors govern the volume of water carried away by rivers? Describe them fully in connection with (*a*), the Rhine, (*b*), the Nile, *or*, (*c*), any river you know well in Great Britain.

or, 2. What do you know of the submarine deposits on the bed of the Atlantic?

3. How would you set about surveying a village green and its surrounding buildings? Give a diagram.

General Science.

VI. 1. Write upon (a), the nature, causes and effects of the ocean seasons; or, (b), the methods and value of oceanic research.

V. 1. What do you know of the nature and effect of waves in the æther? Show by a diagram the range of the æther waves known so far to science.

VI. & V. 2. In what three divisions, according to their mode of origin, may we classify sedimentary rocks? Write fully upon one of them. Drawings.

Biology, Botany, etc.

VI. 1. Write an essay on the inter-relation of plants and animals with the earth.

2. Write fully upon the structure and growth of bone.

V. 1. Describe, with drawings, what you have seen with a lens or microscope of the internal structure of (a), a leaf, or, (b), a stem. Explain the functions of the various cells and tissues.

2. What kinds of conifers have you seen? Which are native to Britain? Describe fully two of them.

Astronomy.

VI. 1. "We are beginning to suspect that we live in a universe of waves, and nothing but waves." What do you know of the research leading to this view of the universe?

2. Draw a chart of the chief constellations to be seen in November.

V. 1. Write a short account of Mars. How is this planet useful to astronomers in making sidereal measurements?

2. What hypothesis led to the discovery of the Minor Planets? Give an account of the discovery and "capture" of Ceres.

Art Studies.

VI. & V. 1. Describe "Jan Steen and his family," or, "Our Daily Bread," giving some detail of the composition.

2. Write a short account of the work of (a), Botticelli, or, (b), Titian, describing in detail one of his pictures.

VI. 3. A short essay on the Greek Doric style. Drawings.

V. 3. A short essay on (a), Renaissance (English), or, (b), Modern Architecture, describing any buildings you have seen. Drawings.

French. (All answers to be written in French.)

VI. 1. Give a résumé of Le Cid.

V. 1. Waterloo, "Napoleon on the morning of the battle." A short sketch.

VI. & V. 2. (a), Translate into French, L'Enseignement Littér-aire, p. 60, "My grandfather . . neighbourhood"; or, (b), write a narration of "Les Vieux" (Lettres de Mon Moulin).

3. Write notes on the uses of the following, giving examples in sentences,—duquel, où, dont, personne, autrui, en, y.

Latin.

VI. 1. Write and translate sentences to illustrate: (1) The Impersonal Passive, (2) Oblique Question, (3) Final Subjunctive.

2. A Book of Latin Letters, (a), Read the Latin of Letter 63, then write a short account of it in English. (b), Read the Latin again and write another short account in Latin.

3. A Book of Latin Letters, Letter 63. Put lines 1-11 into "Oratio Obliqua" after a Past Tense.

V. (Second Year.)

1. See 1 above.

V. 2. Form adverbs from brevis, largus, facilis, bonus, multus, and write their comparative and superlative.

3. (a), Æneid IX., Translate lines 110-122, "Hic primum . . .ad litora proræ."

(b), Either scan lines 110, 113 and 115, or, parse offulsit, horrenda, armate, pinus, aequora.

V. (First Year.)

1. Translate: (1), The Romans are skilled in war and fight for the sake of their allies. (2) They made their way to Capua and stayed there two days. (3) The leader sent great forces to attack the city.

2. Write the four Principal Parts of peto, vivo, iubeo, sentio, gero.

3. See V. (3) above.

German.

VI. & V. 1. Illustrate in sentences the use of the following prefixes to verbs, (a), separable, (b), inseparable,—durch, über, um, unter, voll.

VI. 2. Translate into German,— Das Nibelungenlied, page 102 V., "This palace . . . attention."

3. Translate into German, Come Hither, page 208, Two Nut Trees (i.).

V. 2. Translate into German, page 215 Reproduction, "Would you . . . changed now."

3. Read once in German, Ibrahim Pascha, and write the story in German (Siepmann).

or, Italian.

VI. 1. Translate into English and retranslate into Italian, page 185, Subiaco, "Una piccola . . . artistico."

2. Translate into Italian, (a), page 174, Exercise B, 1-4; (b), page 183, B, 1-6.

3. Write in Italian a short incident from Le Mie Prigioni, or, All' Aria Aperta.

Arithmetic.
(Second Year.)

1. Find the net income from an investment of £2400 in 4% stock at 84 after income tax at 2s. 6d. in the £ has been deducted.

2. Using logarithms find the value of :
$$\frac{3 \cdot 64^2 \times \sqrt{15 \cdot 2}}{\cdot 05^3 \times 197 \cdot 8}$$

3. A man buys goods and finds that the cost of the carriage is 5 per cent. on the cost price. He is compelled to sell at a loss of 4 per cent. If he had sold at a gain of 4 per cent. he would have received £3 . 3s. more. What was the original price of the goods ?

(First Year.)

1. A bill of £1231 17s. 6d. drawn on August 13th at 3 months is discounted on October 7th ; find the banker's discount at 4 per cent. (Allow 3 days of grace.)

2. How much $2\frac{1}{2}$ per cent. stock at $99\frac{3}{8}$ can be bought for £497 . 10s. (brokerage $\frac{1}{8}$) ? What dividend will be obtained ?

3. What must be the depth of a cistern, 6 ft. long and 4 ft. wide, which shall contain 300 gallons of water ? A gallon of water weighs 10 lb., and a cubic foot of water weighs 1000 oz., approximately.

Geometry.
(Second year.)

1. The areas of triangles of equal altitude are proportional to their bases.

2. Two circles intersect at C and D. From P, a point on CD produced, a tangent PX is drawn to one circle and a tangent PY to the other. Prove that PX = PY.

3. Show how to draw a square equal in area to a given rectangle and prove your construction.

(First Year.)

1. If two chords of a circle intersect, at a point within the circle, the rectangle contained by the segments of the one is equal to the rectangle contained by the segments of the other.

2. ABCD is any quadrilateral ; P, Q, R, S are the mid-points of the sides AB, BC, CD, and DA. Prove that PQRS is a parallelogram.

3. In triangle ABC the bisector of angle BAC cuts BC at D ; circles with B, C, as centres are drawn through D and cut BA, CA, at H and K. Prove that HK is parallel to BC.

Algebra.
(Second Year.)

1. Prove that the logarithm of a fraction is the logarithm of the numerator minus the logarithm of the denominator. Hence find the value of : $\dfrac{(981 \cdot 3)^2}{(34 \cdot 51)^3}$

2. The safe width of a dam at a depth of x ft. below water level is :
$$\sqrt{\frac{0 \cdot 05 x^2}{9 + (0 \cdot 03x)}} \ \text{ft.}$$
How wide should a dam be at a depth of $25\frac{1}{2}$ ft. below water level ? (Use logs.)

3. The coal used on a vessel varies as the square of the speed and the length of the voyage. A vessel used 2420 tons of coal to travel 2000 miles at 22 knots. At what average speed was the same vessel travelling if 5670 tons were used on a voyage from London to India, a distance of 7000 miles ?

(First Year.)

1. Solve the equation : $\dfrac{x-3}{x-4} - \dfrac{x-4}{x-5} = \dfrac{x-6}{x-7} - \dfrac{x-7}{x-8}$

2. Solve the following by factorising :
   1. $x^2 - 6x + 9 = 16$.
   2. $\dfrac{21}{5-x} = \dfrac{x+23}{7}$

3. Plot the graph of : $y = 7 + 4x - 2x^2$ between the values $x = -2$ and $x = 4$. What is the maximum value of y ?

Painting.

1. A study of (a), autumn colour, or, (b), trees in winter.
2. Two or three different animals standing together.

Music Appreciation.

What works of Schumann have you heard this term, and what have you learned ? Give instances of Schumann's power of making us (a), feel, (b), see, or, write fully upon one of his orchestral works.

Reading. *

Father to choose an unseen (a), essay, (b), poem.

Music. *

Parents to report upon practical examination.

Singing. *

Father to choose an English, a French, and an Italian song

Drill. *

Report progress.

Work, Crafts, etc. *

Outside friend to examine. List of handicrafts completed to appear on *Parents' Report*.

N.B. 1.—Examination to begin on Monday, December 7th. Papers to be posted on December 12th, *with no other enclosure.* The examination should last a full school week.

N.B. 2.—Subjects thus indicated (✻) to be marked on the *Parents' or Teacher's Report* according to Regulations, and **marks to be added up.** For scale of values see head of Report Form.

N.B. 3.—Please note carefully the Regulations as to the number of papers to be sent in by schools.

N.B. 4.—MEMBERS OVERSEAS may send in examinations at the end of *any two* of the three terms in the year.

Members are asked to state on the Parents' or Teachers Report Form (a), how the pupil has worked during the term; (b), if there has been any handicap on account of illness during the term; (c), the reason for the omission of subjects in the examination.